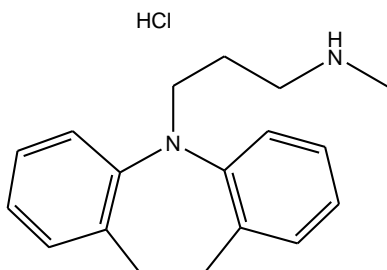


## Desipramine hydrochloride

Cat # NB-48-0311



### Product Information

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<b>Batch No.:</b>	0162BG/02
<b>Chemical Name:</b>	10,11-Dihydro-5-(3-methylaminopropyl)-5H-dibenz[b,f]azepine hydrochloride
<b>Batch Molecular Formula:</b>	C <sub>18</sub> H <sub>22</sub> N <sub>2</sub> .HCl
<b>Batch Molecular Weight:</b>	302.84
<b>CAS No.:</b>	[58-28-6]
<b>Physical Appearance:</b>	White to off-white solid
<b>Storage:</b>	RT

### Solvent and solubility

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Soluble to 50 mM in water

### Biological activity

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Tricyclic antidepressant that is a more potent Noradrenaline transporter inhibitor (K<sub>i</sub> = 4 nM) than a Serotonin transporter inhibitor (K<sub>i</sub> = 61 nM).

### References

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1. Zhu et al. (1998) J Neurochem 70:1547
2. Okugawa et al. (1999) J Neuroendocrinol 11:887
3. Smith and Levi (1999) J Pharmacol Exp Ther 291:456
4. Torres et al. (2003) Nat Rev Neurosci 4:13

For Research use only. Not for human use

NB-48-0311 Desipramine hydrochloride

## Analytical data

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HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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